

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the claims:

Claim 1 (amended). A piezoelectric bending transducer, comprising:

a supporting element having opposite sides;

a piezoelectrically active layer applied to at least one of said sides of said supporting element; and

an adaptation layer having a constant thickness, one of a given length and a given width, and a predefined volume for reducing inherent thermal distortion[, said adaptation layer having a predefined volume], said adaptation layer [being] applied to said piezoelectrically active layer.

Claim 2 (amended). The piezoelectric bending transducer according to claim 1, wherein said piezoelectrically active layer is applied to both of said sides of said supporting element, and said adaptation layer is applied to said piezoelectrically active layer on one of said sides of said supporting element [adaptation layer].